

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061224\
 Data File : BF138196.D
 Acq On : 12 Jun 2024 16:18
 Operator : CG\JU
 Sample : PB161404BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161404BL

Quant Time: Jun 13 02:14:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	393689	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1531964	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	852708	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1574865	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	1230429	20.000	ng	0.00
86) Perylene-d12	15.521	264	1120003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2696033	114.557	ng	0.01
7) Phenol-d6	6.522	99	3334931	111.751	ng	0.00
23) Nitrobenzene-d5	7.451	82	2059058	78.247	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	1028202	121.123	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3932019	73.325	ng	0.00
79) Terphenyl-d14	13.004	244	4804395	61.843	ng	0.00

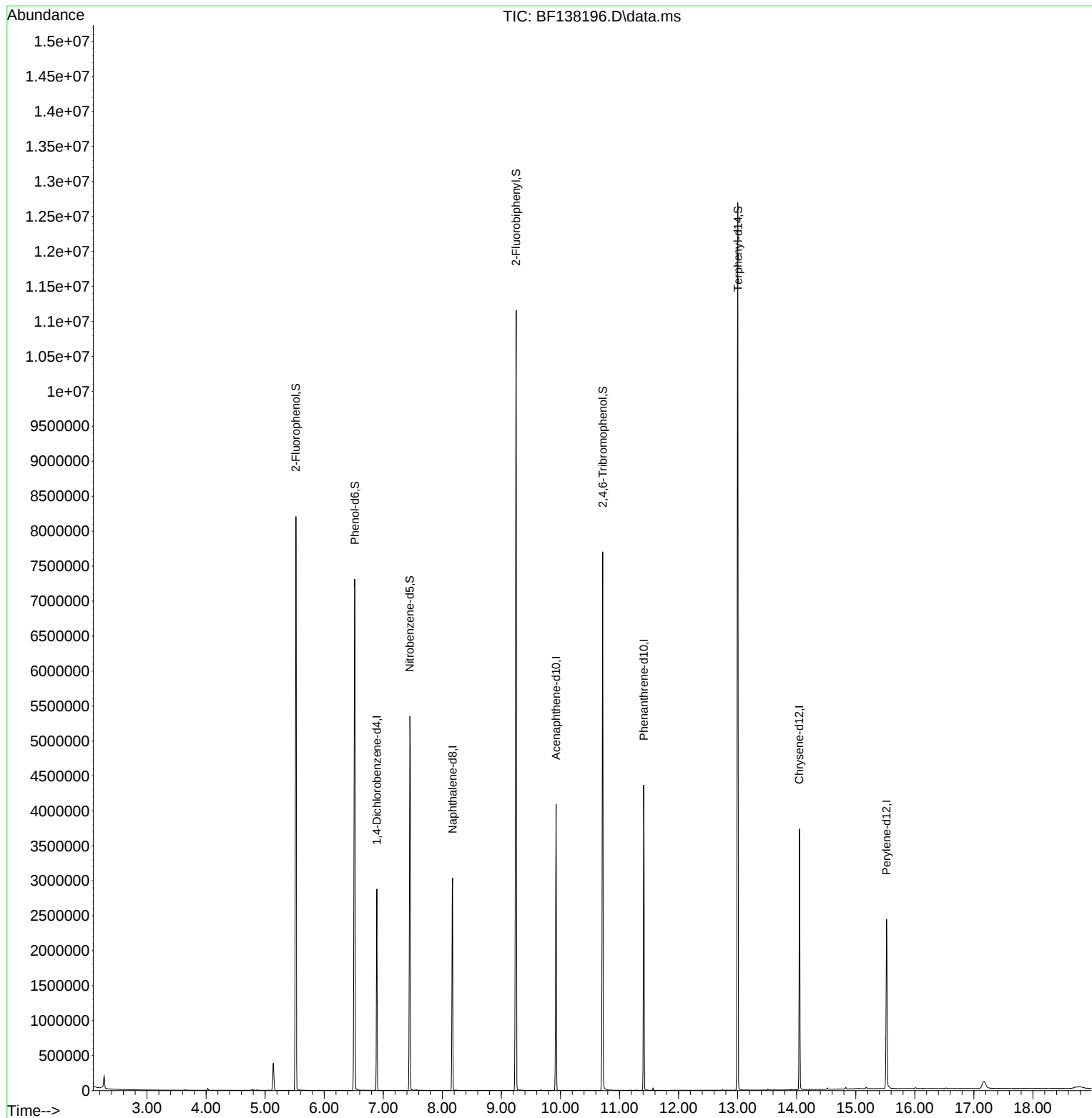
Target Compounds	Qvalue

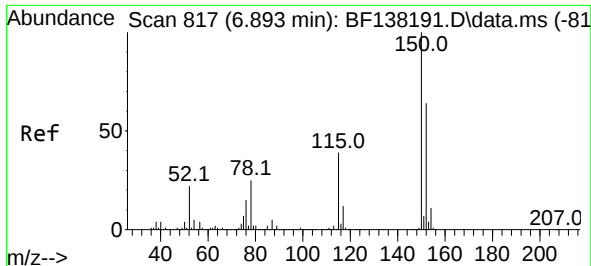
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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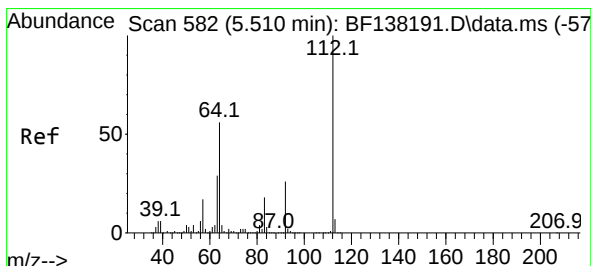
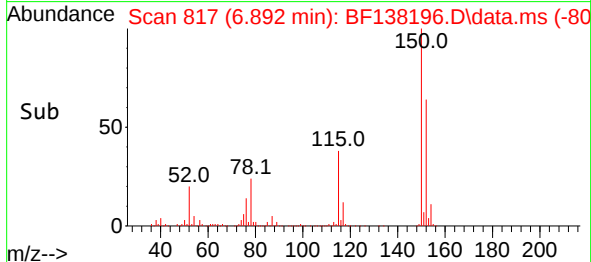
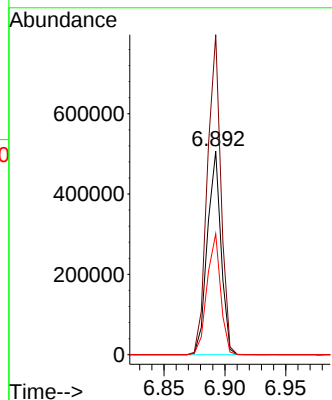
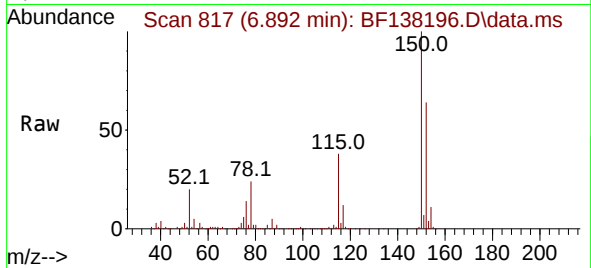




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF138196.D
Acq: 12 Jun 2024 16:18

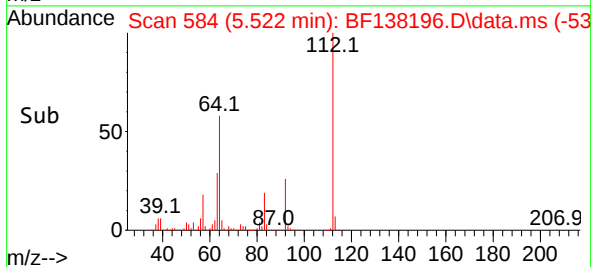
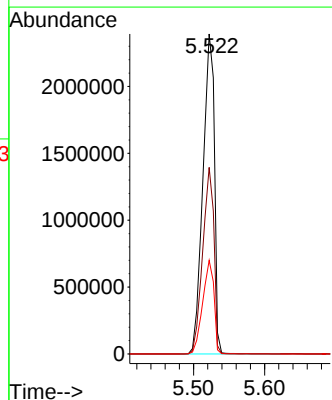
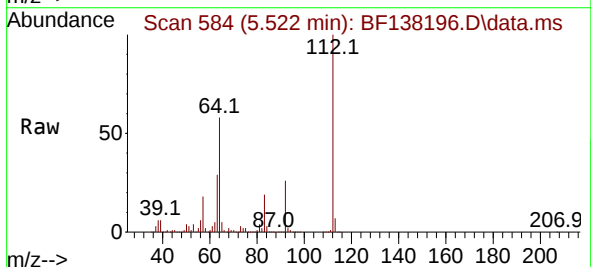
Instrument :
BNA_F
ClientSampleId :
PB161404BL

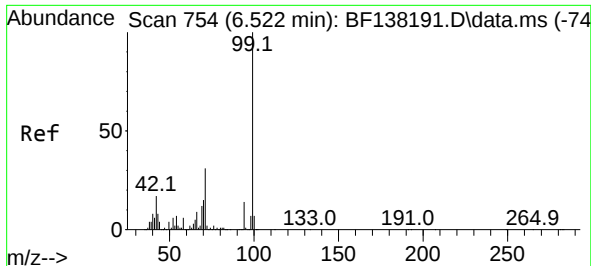
Tgt Ion:152 Resp: 393689
Ion Ratio Lower Upper
152 100
150 157.2 125.0 187.4
115 59.3 48.4 72.6



#5
2-Fluorophenol
Concen: 114.557 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138196.D
Acq: 12 Jun 2024 16:18

Tgt Ion:112 Resp: 2696033
Ion Ratio Lower Upper
112 100
64 58.3 45.2 67.8
63 29.3 22.9 34.3

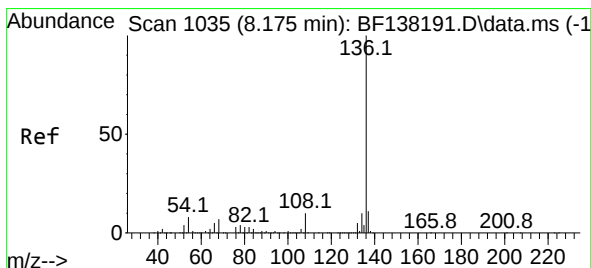
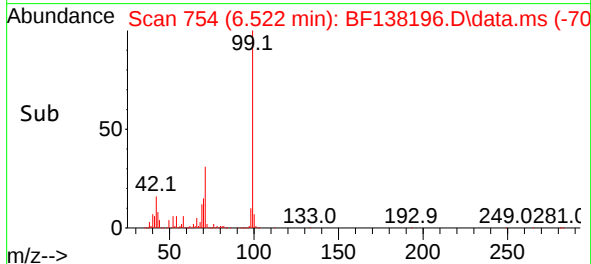
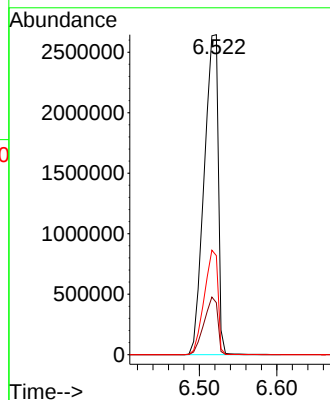
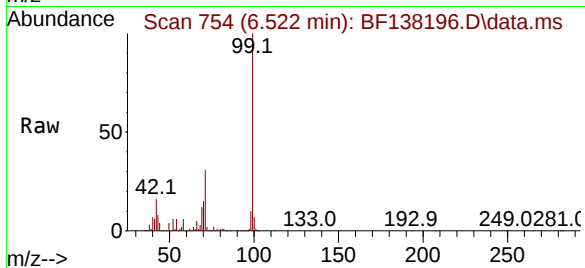




#7
Phenol-d6
Concen: 111.751 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF138196.D
Acq: 12 Jun 2024 16:18

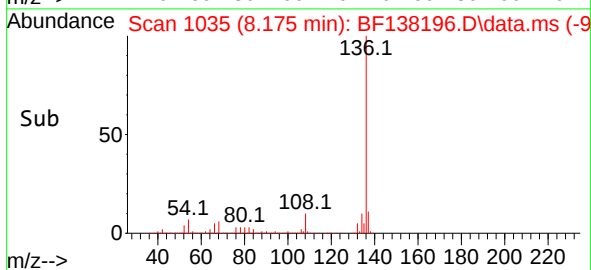
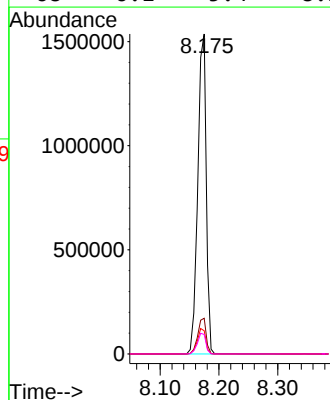
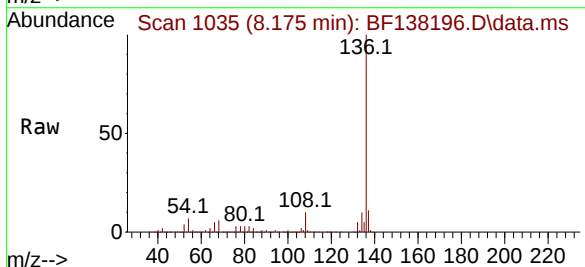
Instrument :
BNA_F
ClientSampleId :
PB161404BL

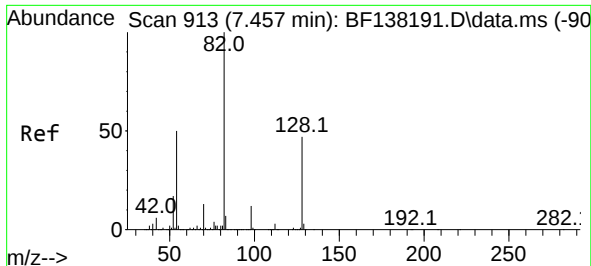
Tgt Ion: 99 Resp: 3334931
Ion Ratio Lower Upper
99 100
42 16.3 13.7 20.5
71 30.9 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138196.D
Acq: 12 Jun 2024 16:18

Tgt Ion: 136 Resp: 1531964
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.3 6.6 10.0
68 6.1 5.4 8.2

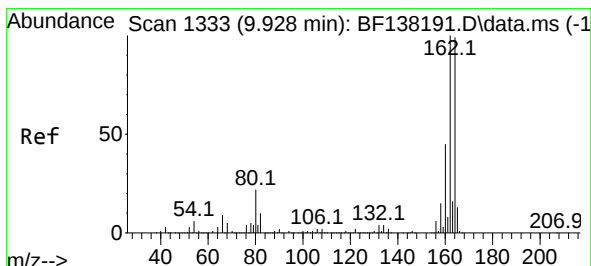
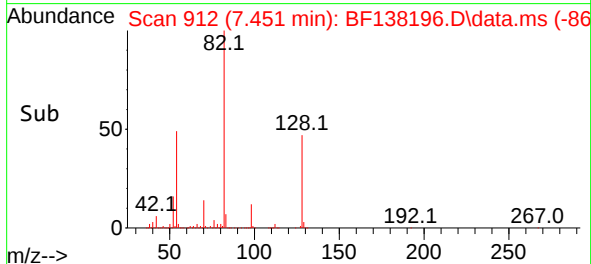
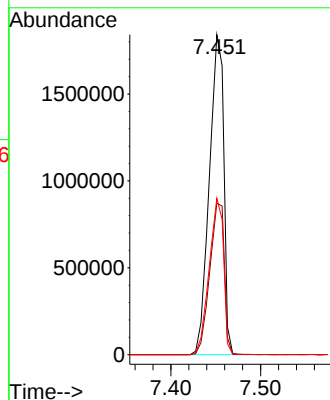
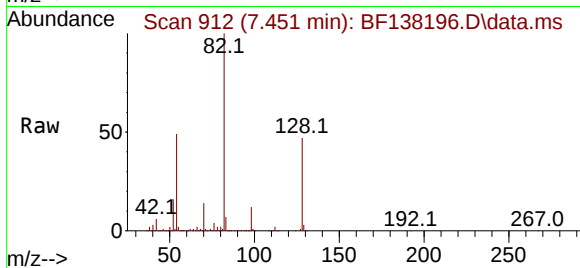




#23
Nitrobenzene-d5
Concen: 78.247 ng
RT: 7.451 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF138196.D
Acq: 12 Jun 2024 16:18

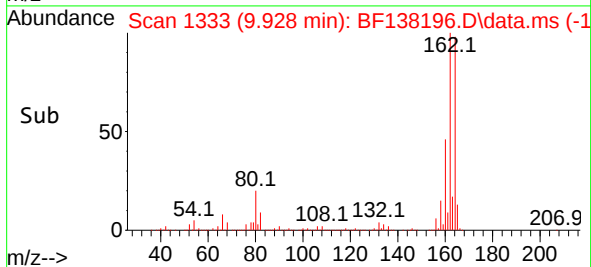
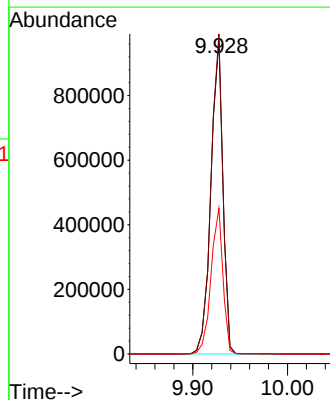
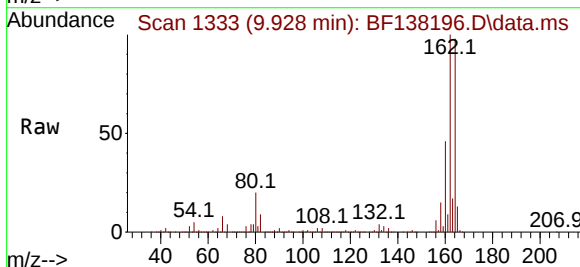
Instrument :
BNA_F
ClientSampleId :
PB161404BL

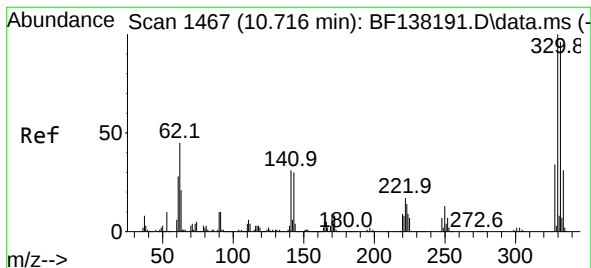
Tgt Ion: 82 Resp: 2059058
Ion Ratio Lower Upper
82 100
128 47.4 37.2 55.8
54 48.8 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF138196.D
Acq: 12 Jun 2024 16:18

Tgt Ion: 164 Resp: 852708
Ion Ratio Lower Upper
164 100
162 102.1 80.6 121.0
160 46.5 36.3 54.5

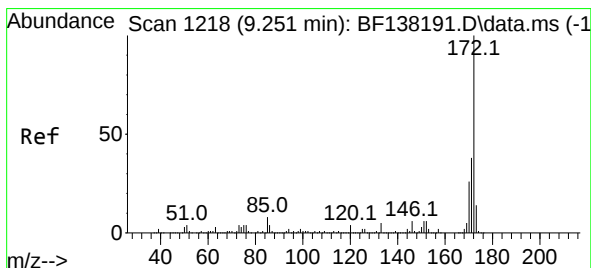
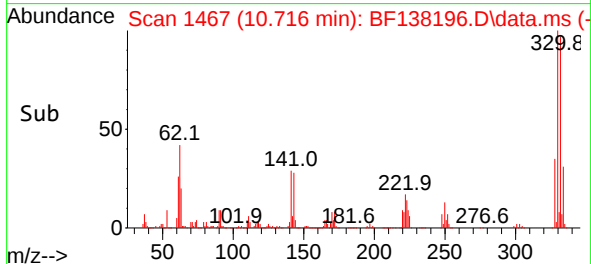
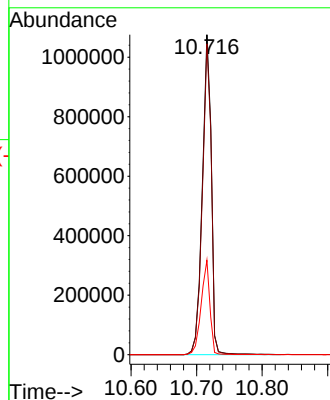
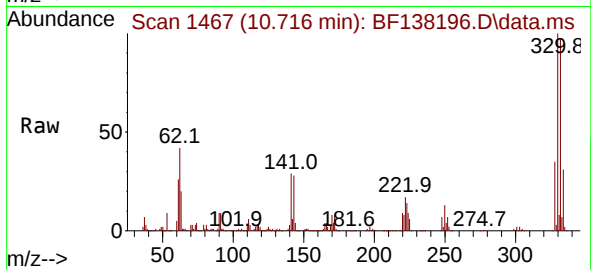




#42
2,4,6-Tribromophenol
Concen: 121.123 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138196.D
Acq: 12 Jun 2024 16:18

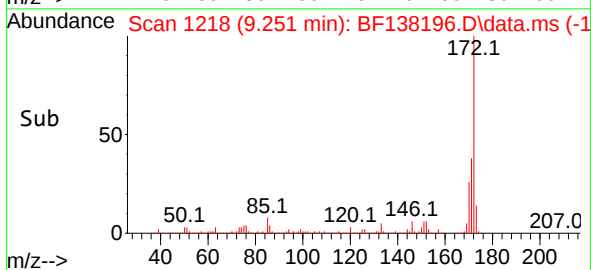
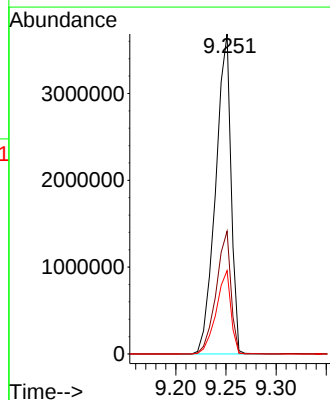
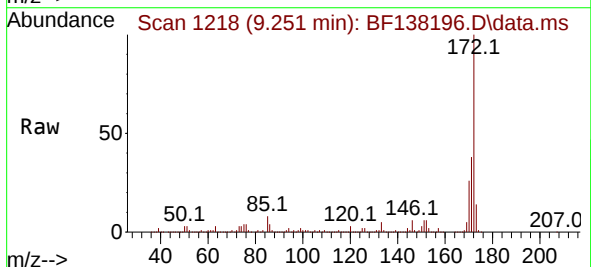
Instrument :
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ClientSampleId :
PB161404BL

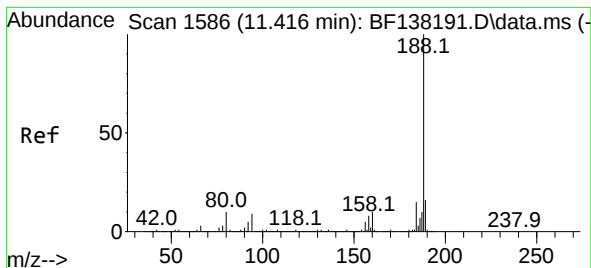
Tgt Ion:330 Resp: 1028202
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 28.9 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 73.325 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138196.D
Acq: 12 Jun 2024 16:18

Tgt Ion:172 Resp: 3932019
Ion Ratio Lower Upper
172 100
171 38.3 30.3 45.5
170 26.1 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138196.D

Acq: 12 Jun 2024 16:18

Instrument :

BNA_F

ClientSampleId :

PB161404BL

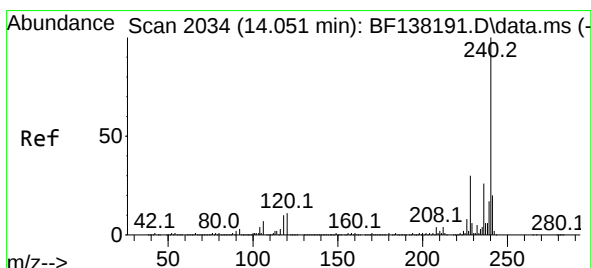
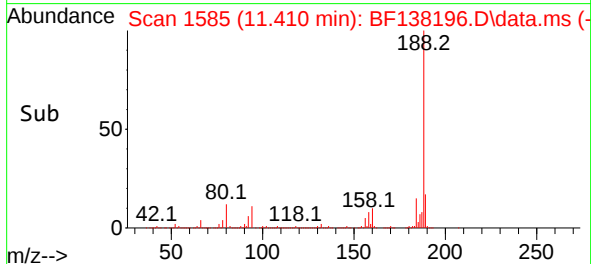
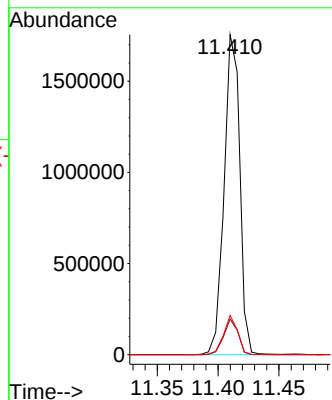
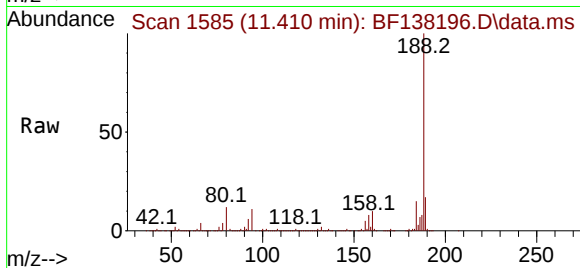
Tgt Ion:188 Resp: 1574865

Ion Ratio Lower Upper

188 100

94 11.2 7.6 11.4

80 12.2 8.1 12.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF138196.D

Acq: 12 Jun 2024 16:18

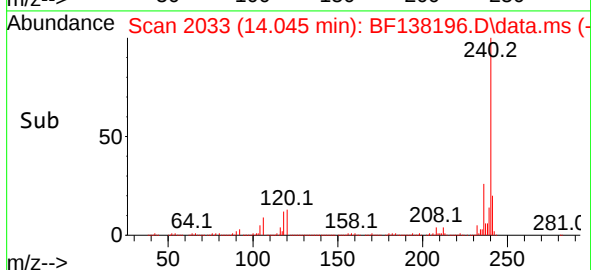
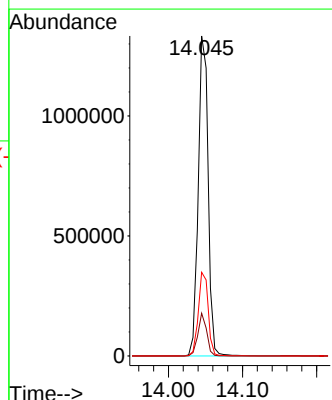
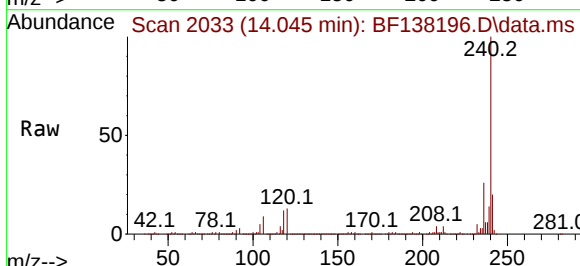
Tgt Ion:240 Resp: 1230429

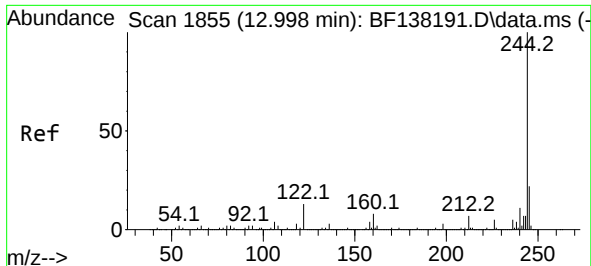
Ion Ratio Lower Upper

240 100

120 13.3 9.2 13.8

236 26.1 21.0 31.6

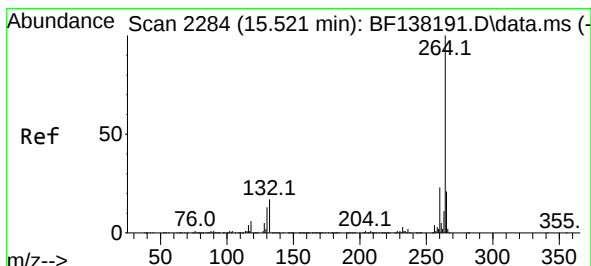
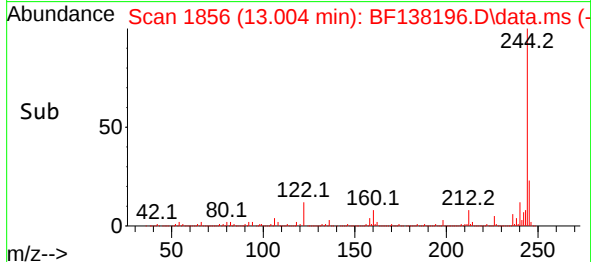
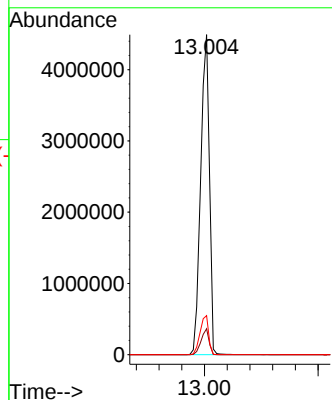
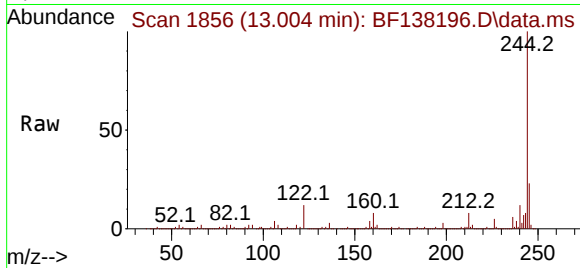




#79
 Terphenyl-d14
 Concen: 61.843 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: BF138196.D
 Acq: 12 Jun 2024 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB161404BL

Tgt Ion:244 Resp: 4804395
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.9 8.9
 122 12.2 10.6 15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: BF138196.D
 Acq: 12 Jun 2024 16:18

Tgt Ion:264 Resp: 1120003
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 21.8 17.0 25.6

